



Republic of the Philippines
CAVITE STATE UNIVERSITY
Don Severino de las Alas Campus
 Indang, Cavite, Philippines
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INVITATION TO SUBMIT QUOTATION
Supply and Delivery of Laboratory Supplies and Materials for CED-SHS

1. The Cavite State University (CvSU) invites interested firms/supplier to submit quotation for the project **“Supply and Delivery of Laboratory Supplies and Materials for CED-SHS”** with an Approved Budget for the Contract (ABC) of **Three Hundred Fifty Thousand Two Hundred Sixty Pesos Only (PhP 350,260.00)**. Quotation received in excess of the ABC shall be automatically rejected at the opening.

Item No.	Quantity	Unit	Description	Unit Cost	Total Cost
1	4	pcs	spring balance, with hook or standard clips	2,000.00	8,000.00
2	5	pcs	micro meter caliper, carbide measuring faces, Resolution:0:01mm(Metric); 0.0001”	4,200.00	21,000.00
3	5	pcs	vernier caliper, measuring range of 0 to 12”/300mm with an accuracy of 0.04mm and 0.02mm lower scale graduations, .001 Upper Scale graduations	1,400.00	7,000.00
4	3	pcs	force board with scale, tempered Masonite disc with 117 precision-punched holes; 3 spring scales; 3 aluminum clips for mounting scales; wire; instructions with operating procedures	5,000.00	15,000.00
5	5	pcs	friction box/mass holder, high quality wood box features an open top, ring at one end and a non-slip bottom, 15 x 9 x 8cm in size	900.00	4,500.00
6	3	pcs	Galvanometer, range $\pm 20000\text{mV}$ differential, Resolution: 0.1mV, Maximum Sample Rate – 5000 Hz Xplorer GLX, 1000Hz with other interfaces, Input Impedance – 1 MOhm, Absolute Maximum Input 50V	1,000.00	3,000.00
7	5	pcs	Multimeter, display count: 2000, jaw capacity: 28mm, continuity buzzer, low battery indicator, manual range + data hold + maximum/minimum value measurement	1,200.00	6,000.00
8	1	pc	newton demonstration apparatus, kit contains hands-on demonstration of inertia or newton’s first law of motion	2,000.00	2,000.00
9	1	pc	gynoscope (simple form), measures from 30° to 140° and is easily read to the nearest degree, rectangle stop act as a marker, low rotation speeds allow measurement of angular speed by counting revolutions and using a stopwatch, two counterweights allow coarse and fine balance adjustment	2,000.00	2,000.00
10	1	pc	maxwel’s wheel, axle-mounted flywheel suspenses by nylon cords at both ends with stainless steel frame	3,700.00	3,700.00
11	1	pc	coulumb’s law apparatus, torsion	3,000.00	3,000.00

			assembly -38mm dia. Conductive sphere on 12cm rod with counterbalance vane, torsion wire – equals 10-6 newtons/degree, degree plate, 1° increments		
12	1	pc	Force table, circular disk with markings at 1° intervals around its rim, pulley can be attached to the rim in any direction, contains 2 of 5kg, 4 of 10kg, 4 of 20g brass slotted weights and 20g brass weight hanger, table size 16", height 15", weight 14.2lb	10,000.00	10,000.00
13	1	pc	Adjustable pendulum, demonstrate the effects of mass and length on pendulum behavior, holds three pendulums 5cm apart with points for suspension of cords, includes heavy steel base, 1m aluminum rod, adjustable suspension point clamp, three balls, 2.54 cm in diameter (brass, steel, wood) on cords	3,300.00	3,300.00
14	2	pcs	steel tuning fork set, seof 8 pendulum, 256 to 512Hz	5,000.00	10,000.00
15	1	pc	wave model, 18" x 4", 12", 45 x 10 x 30cm, 2lbs, top of form	5,000.00	5,000.00
16	3	pcs	wave demonstration spring, extra long large spring (stands 20cm high when compressed) allows students more time to observe wave behavior	1,500.00	4,500.00
17	5	pcs	Compass, magnetic, 1-3/4" diameter	500.00	2,500.00
18	3	pcs	pulley table with clamp, 50mm diameter metal pulley is mounted in a clamp that can be attached to any board or table top up to 3cm (1.25") thick	500.00	1,500.00
19	1	pc	laser refraction tank, circular scale is 6-3/8" diameter	6,500.00	6,500.00
20	5	pcs	Concave & convex mirror set, optical glass plane mirror 75mm x 75mm, concave mirror 50mm diameter, convex mirror 50mm diameter	1,500.00	7,500.00
21	5	pcs	Concave & convex lens set, optical glass concave lens 50mm diameter, convex lens 50mm diameter	1,500.00	7,500.00
22	5	pcs	centripetal force kit, used to show the effect of mass, radius and velocity on centripetal force of a rotating body	1,200.00	6,000.00
23	4	pcs	digital pocket thermometer, -50° C to 150° C x 0.1° C LCD Display (-58°F to 302°F x 0.1°F), stainless steel stem (115mm)	1,790.00	7,160.00
24	1	pcs	gas expansion apparatus, the combined gas law simplifies the ideal gas law and describes a relationship between the pressure, temperature and volume of a gas that is constant	3,500.00	3,500.00
25	1	pcs	steam engine model, visible working model – lighting the match, burning dry fuel, converting water to steam and steam to mechanical power, with built-in safety valve, fuel pellets and instructions	14,000.00	14,000.00
26	5	pcs	bar magnet, cylindrical magnets (10 x 50mm) are small, strong and color-coded	1,100.00	5,500.00

			for polarity		
27	1	pc	capacitors set, assorted, 1 μ f, 10 μ f, 40 μ f, 100 μ f, 330 μ f, 470 μ f	1,200.00	1,200.00
28	1	pc	resistors set, assorted, 10 ohm, 100 ohm, 330 ohm, 560 ohm, 1000 ohm, 3300 ohm, 10 k ohm, 22 k ohm, 100k ohm, 220k ohm, 330k ohm	1,500.00	1,500.00
29	5	pcs	Alligators clip, 30cm long, any applications – from hooking up instruments to bread-boarding circuit, sets of 10: two each yellow, white, red, green and black	500.00	2,500.00
30	5	pcs	stop watch, calendar & tim display fuction, fastest & slowest & average lap calculation, count down timer, larged-sized two-row or three-row digital display panel, water resistant to 25m with 0.025 accuracy	500.00	2,500.00
31	1	pc	inclined plane model, include hinge with angle scale and the rubber cord for the rubber bumper, inclined plane accessory, rubber cors, 1.5mm suare, 30m, motion sensor or clamp-on pulley fit both ends	2,000.00	2,000.00
32	2	pcs	electrolysis apparatus, AS resin with fixed stainless steel electrodes, dimesion 120 x 80 x 100mm, inner dimension 115 x 70 x 70mm, accessories graduated test tubes, 15 x 105mm (2each), resin test tube holder (1each)	1,700.00	3,400.00
33	2	pcs	archimedes principle set, includes: density set, overflow can, large rod base, 45cm stainless steel rod, braided physics string, ohaus triple beam balance with tare, stainless steel calipers, beaker, 1000ml, beaker, 100ml, graduated cylinder, 50ml, archmide's principle experiment manual	1,500.00	3,000.00
34	5	Units	Dynamic Cart, magnets: installed on one end for elastic collisions, Velcro Tabs: for inelastic collisions, Three mounting holes: for accessories, Poly Carbonate body: Total mass 250g Three – position plunger: Provides reproducible impulses and explosions	3,300.00	16,500.00
35	1	Unit	ripple tank, viewing area 34cm x 34cm, usable tank depth 1cm, projection screen 35.6cm x 38.8cm, acrylic mirror 49.8cm x 38.8cm, light source support rod 46cm long, drain tube 30m long, storage box water resistant, 64cm x 52cm x 17cm, voice coil actuator frequency range 1.0 to 50.0Hz with 0.1 Hz resolution	30,000.00	30,000.00
36	1	Unit	Laboratory power supply (AC/DC)	33,000.00	33,000.00
37	1	Unit	simple tank machine kit, inclined plane/cart, pulley, lever, wheel and axle	30,000.00	30,000.00
38	2	units	projectile launcher, projectile launcher with base, 25mm nylon projectile balls (2), loading rod, safety glasses, 2-D collision accessory	15,000.00	30,000.00
39	1	unit	Boyle – Mariotte apparatus, mounted on ABS plastic base size 250 x 175mm, a pressure gauge is connected to the connection tube of 50ml gas syringe,	25,000.00	25,000.00

			demonstrate the relationship between the pressure and volume of closed quantity of gas at constant temperature		
TOTAL AMOUNT					350,260.00

2. Delivery Period: ____ calendar days from the receipt of P.O.
3. Price quotations must be valid for a period of sixty (60) calendar days from date of submission and shall include all taxes, duties and/or levies payable. Bidders shall also indicate the brand and model of the items being offered.
4. Warranty shall be for a period of six (6) months for supplies and materials. Warranty for equipment must not be less than one (1) year from the date of acceptance and shall be accompanied with Warranty Certificate.
5. The quotation must be submitted to the Procurement Office through mail, fax or email at the contact details listed below **on or before 5:00 PM of March 25, 2024.**

Address : Procurement Office, Administration Building,
Cavite State University
Indang, Cavite

E-mail : procurementoffice@cvsu.edu.ph / rfqmain@cvsu.edu.ph

Telefax : (046) 889-6373

6. The CvSU reserves the right to reject any or all quotations and/or proposals and waive any formalities/informalities therein and to accept such bids it may consider as most advantageous to the agency and to the government. CvSU neither assumes any obligation for whatsoever losses that may be incurred in the preparation of bids, nor does it guarantee that an award will be made.


ROSELYN M. MARANAN
 BAC Secretary, Goods and Consulting Services